

APPENDIX 2.0 – Observation Trenches Logs, Sketches and Photographs

Trial Pit Log

Status: **Final**

OT01


Sheet 1 of 1

Project: Kings Cross Building P1

Project No: 4805

Ground Level: 25.219mOD

Coordinates: 530002.04E
183748.22N

Description	Legend	Depth (m)	O.D. Level (m)	Samples / In Situ Testing		
				Type	Depth	Test Results
MADE GROUND: Probably medium dense dark brown slightly sandy gravelly CLAY. Gravel is angular to rounded fine and medium occasionally coarse flint, brick, wood, tarmac, metal and concrete. ...At 0.5mbgl, 100mm diameter metal pipe found in pit. End of Trial Pit at 1.00 m		1.00	24.22			

Notes

Client: Carillion plc
Consultant: Ramboll UK Ltd
Date Excavated: 01/05/2012
Plant: Hand tools
Date Printed: 10/08/2012
Logged By: DL
Checked By: JE

Hole Type: TP
Stability: Stable during excavation

Groundwater: Not encountered during excavation
Weather Conditions:
Backfill: Compacted spoil

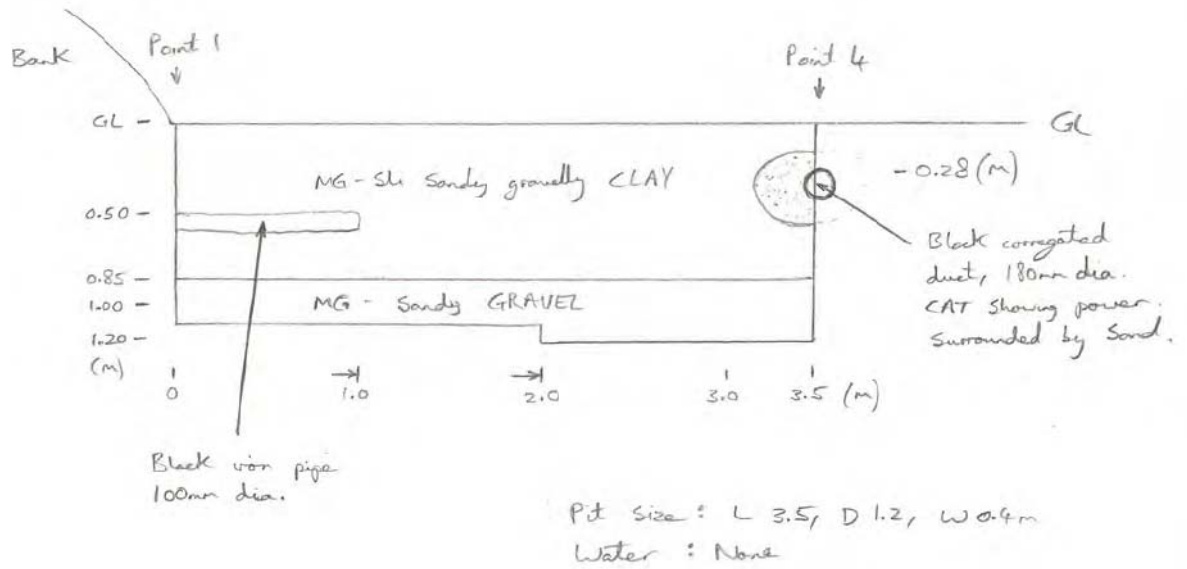
Shoring: None

Bearing: -

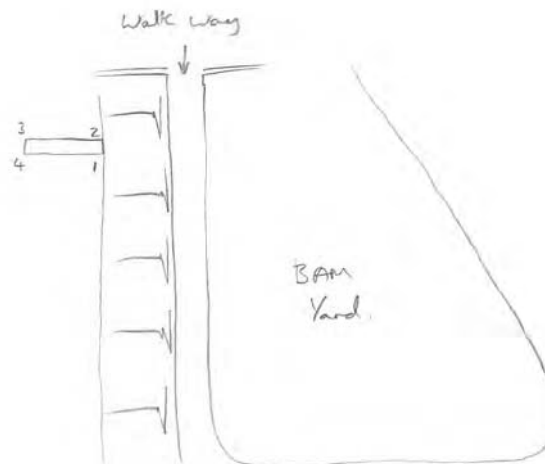
Dimensions: 

General:

OTQ1 - Trial Pit sketch



Location





Contract: Kings Cross Building P1

Contract No: 4805

Observation Trench No: OT01

Date : 01/05/2012

Depth: 1.0m

Notes: See corresponding log

OT01

Trial Pit Log

Status: **Final**

0T02

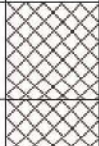
Sheet 1 of 1

Project: Kings Cross Building P1

Project No: 4805

Ground Level: 25.246mOD

Coordinates: 529994.77E
183750.52N

Description	Legend	Depth (m)	O.D. Level (m)	Samples / In Situ Testing		
				Type	Depth	Test Results
MADE GROUND: Soft dark brown sandy gravelly CLAY. Gravel is angular to rounded fine, medium and occasionally coarse flint brick concrete ceramic tile vclay pipe and wood.		0.80	24.45			
MADE GROUND: Probably medium dense to dense black sandy GRAVEL. Gravel is angular to rounded fine and medium flint ash and clinker.		1.20	24.05			
End of Trial Pit at 1.20 m						

Notes

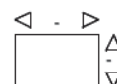
Client: Carillion plc
Consultant: Ramboll UK Ltd
Date Excavated: 02/05/2012
Plant: Hand tools
Date Printed: 10/08/2012
Logged By: DL
Checked By: JE

Hole Type: TP
Stability: Stable during excavation
Groundwater: Not encountered during excavation
Weather Conditions:
Backfill: Compacted spoil

Shoring: None

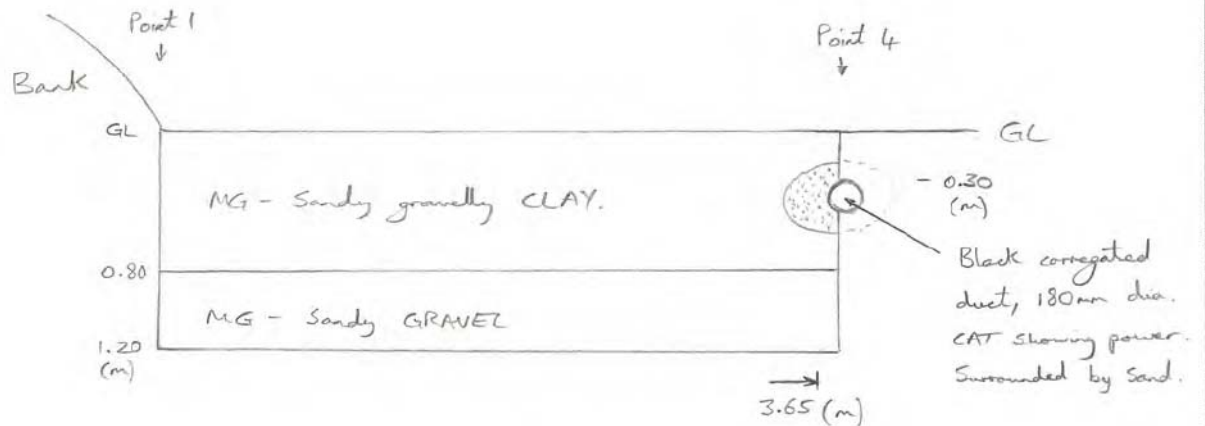
Bearing: -

Dimensions:



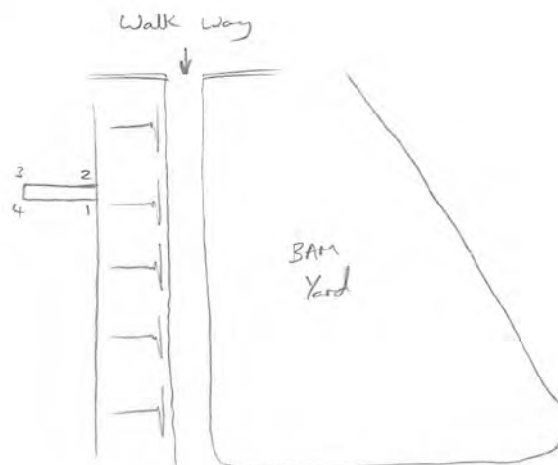
General:

OT&Z - Trial Pit sketch



Pit size : L 3.70, D 1.2, W 0.4m
Water : None

Location





Contract: Kings Cross Building P1

Contract No: 4805

Observation
Trench No: OT02

Date : 02/05/2012

Depth: 1.2m

Notes: See corresponding log



OT02

Trial Pit Log

Status: **Final**

0T03


Sheet 1 of 1

Project: Kings Cross Building P1

Project No: 4805

Ground Level: 25.393mOD

Coordinates: 529977.94E
183756.20N

Description	Legend	Depth (m)	O.D. Level (m)	Samples / In Situ Testing		
				Type	Depth	Test Results
MADE GROUND: Soft dark brown slightly sandy very gravelly CLAY. Gravel is angular to rounded fine to coarse flint brick concrete plastic slate glass and sandstone.		0.75	24.64			
MADE GROUND: Crushed red brick.		0.90	24.49			
MADE GROUND: Probably medium dense greyish brown sandy GRAVEL. Gravel is subrounded to rounded fine and medium flint.		1.20	24.19			
End of Trial Pit at 1.20 m						

Notes

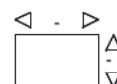
Client: Carillion plc
Consultant: Ramboll UK Ltd
Date Excavated: 02/05/2012
Plant: Hand tools
Date Printed: 10/08/2012
Logged By: DL
Checked By: JE

Hole Type: TP
Stability: Stable during excavation
Groundwater: Not encountered during excavation
Weather Conditions:
Backfill: Compacted spoil

Shoring: None

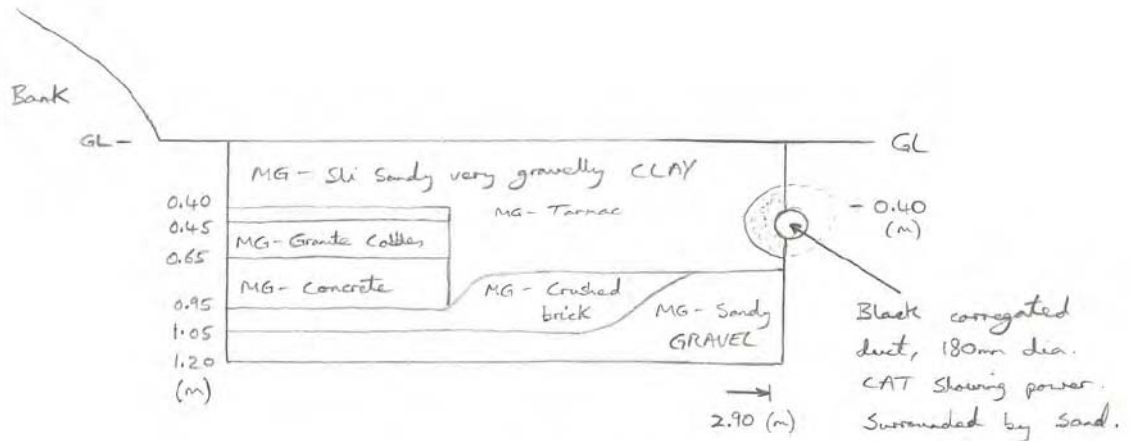
Bearing: -

Dimensions:



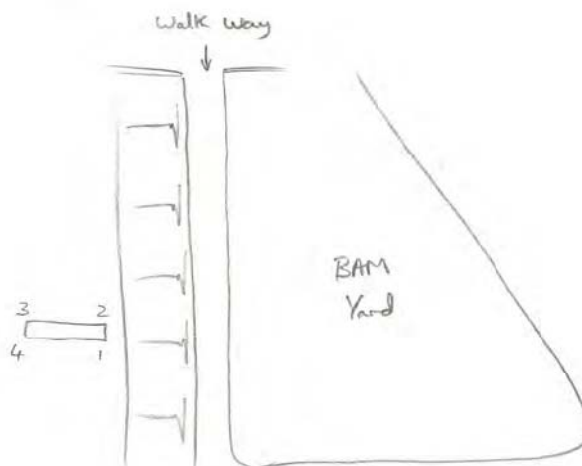
General:

OT03 - Trial Pit sketch



Pit Size : L 3.0, D 1.2, W 0.4m
Water : None

Location





Contract: Kings Cross Building P1

Contract No: 4805

Observation
Trench No: OT03

Date : 02/05/2012

Depth: 1.2m

Notes: See corresponding log

OT03

Trial Pit Log

Status: **Final**

0T04

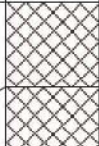
Sheet 1 of 1

Project: Kings Cross Building P1

Project No: 4805

Ground Level: 26.163mOD

Coordinates: 529960.46E
183762.16N

Description	Legend	Depth (m)	O.D. Level (m)	Samples / In Situ Testing		
				Type	Depth	Test Results
MADE GROUND: Probably medium dense blackish dark brown sandy clayey GRAVEL. Gravel is angular to rounded fine and medium flint brick concrete wood and metal fragments.		0.70	25.46			
MADE GROUND: Probably loose yellowish brown slightly gravelly SAND. Gravel is subangular to rounded fine flint.		1.20	24.96			
End of Trial Pit at 1.20 m						

Notes

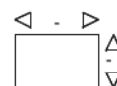
Client: Carillion plc
Consultant: Ramboll UK Ltd
Date Excavated: 08/05/2012
Plant: Hand tools
Date Printed: 10/08/2012
Logged By: DL
Checked By: JE

Hole Type: TP
Stability: Stable during excavation
Groundwater: Not encountered during excavation
Weather Conditions:
Backfill: Compacted spoil

Shoring: None

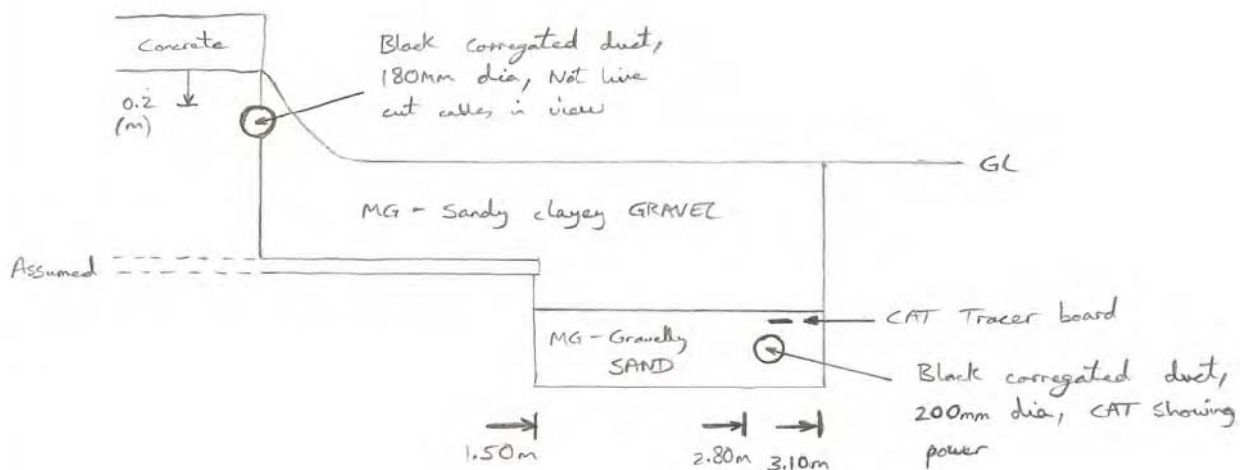
Bearing: -

Dimensions:



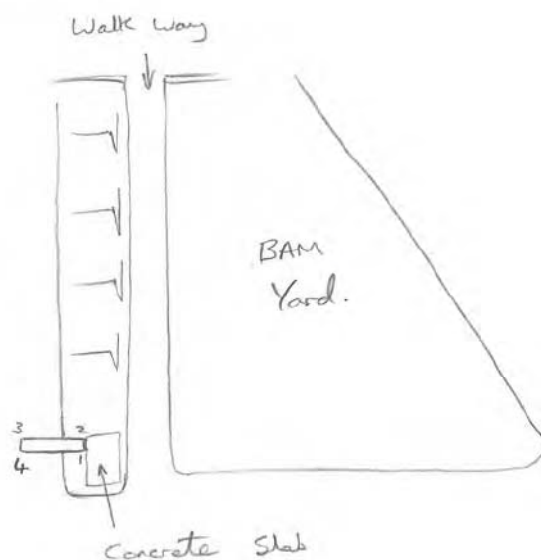
General:

OTQ4 - Trial Pit Sketch



Pit Size : L 3.10, D 1.2, W 0.4m
Water : None

Location





Contract: Kings Cross Building P1

Contract No: 4805

Observation
Trench No: OT04

Date : 08/05/2012

Depth: 1.2m

Notes: See corresponding log



OT04

Trial Pit Log

Status: **Final**

0T05


Sheet 1 of 1

Project: Kings Cross Building P1

Project No: 4805

Ground Level: 26.003mOD

Coordinates: 529956.75E
183763.88N

Description	Legend	Depth (m)	O.D. Level (m)	Samples / In Situ Testing		
				Type	Depth	Test Results
MADE GROUND: Probably medium dense clayey sandy GRAVEL. Gravel is angular to rounded fine and medium flint brick concrete wood sandstone and ash.						
MADE GROUND: Probably loose slightly gravelly SAND. Gravel is angular to rounded fine flint.		0.85	25.15			
		0.98	25.02			
MADE GROUND: Probably medium dense slightly clayey sandy GRAVEL. Gravel is angular to rounded fine and medium flint, occasional brick and concrete.		1.20	24.80			
End of Trial Pit at 1.20 m						

Notes

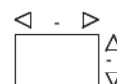
Client: Carillion plc
Consultant: Ramboll UK Ltd
Date Excavated: 11/05/2012
Plant: Hand tools
Date Printed: 10/08/2012
Logged By: DL
Checked By: JE

Hole Type: TP
Stability: Stable during excavation
Groundwater: Not encountered during excavation
Weather Conditions:
Backfill: Compacted spoil

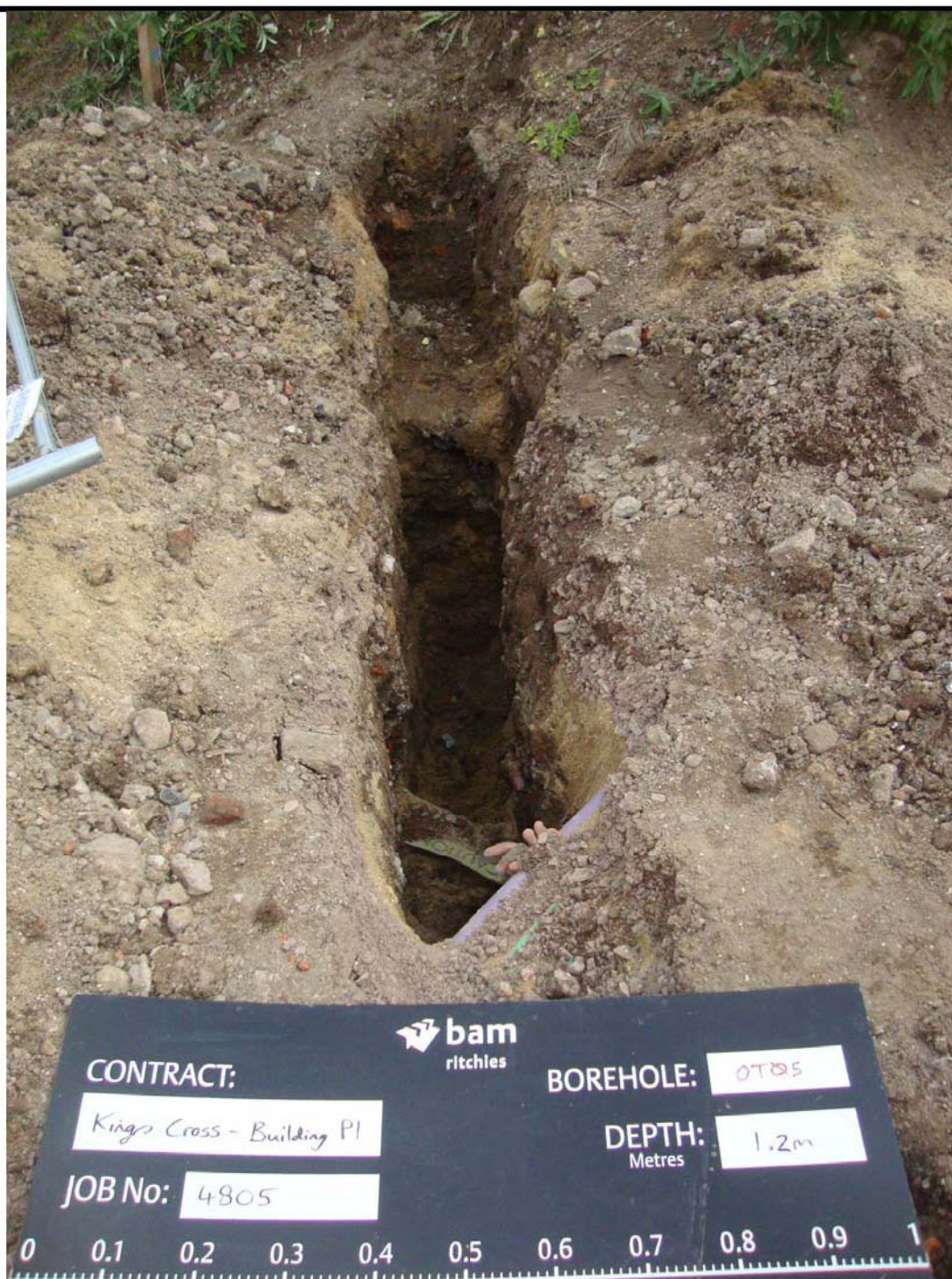
Shoring: None

Bearing: -

Dimensions:



General:



Contract: Kings Cross Building P1

Contract No: 4805

Observation
Trench No: OT05

Date : 11/05/2012

Depth: 1.2m

Notes: See corresponding log



OT05

Trial Pit Log

Status: **Final**

0T06

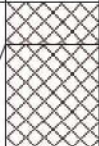
Sheet 1 of 1

Project: Kings Cross Building P1

Project No: 4805

Ground Level: 26.452mOD

Coordinates: 529955.31E
183759.18N

Description	Legend	Depth (m)	O.D. Level (m)	Samples / In Situ Testing		
				Type	Depth	Test Results
MADE GROUND: Probably medium dense brownish grey slightly sandy very clayey GRAVEL. Gravel is angular to rounded fine and medium flint brick and concrete.		0.35	26.10			
MADE GROUND: Soft brownish grey slightly sandy very gravelly CLAY. Gravel is angular to rounded fine and medium flint concrete part brick and brick crush. ...at 0.35mbgl, layer of terram.		1.20	25.25			
End of Trial Pit at 1.20 m						

Notes

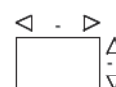
Client: Carillion plc
Consultant: Ramboll UK Ltd
Date Excavated: 10/05/2012
Plant: Hand tools
Date Printed: 10/08/2012
Logged By: DL
Checked By: JE

Hole Type: TP
Stability: Stable during excavation
Groundwater: Not encountered during excavation
Weather Conditions:
Backfill: Compacted spoil

Shoring: None

Bearing: -

Dimensions:



General:

R090



Contract: Kings Cross Building P1

Contract No: 4805

Observation
Trench No: OT06

Date : 10/05/2012

Depth: 1.2m

Notes: See corresponding log

OT06

Trial Pit Log

Status: **Final**

0T07


Sheet 1 of 1

Project: Kings Cross Building P1

Project No: 4805

Ground Level: 25.819mOD

Coordinates: 529947.93E
183739.30N

Description	Legend	Depth (m)	O.D. Level (m)	Samples / In Situ Testing		
				Type	Depth	Test Results
MADE GROUND: Probably medium dense reddish brownish grey sandy GRAVEL. Gravel is subangular to rounded fine and medium flint and brick.		0.45	25.37			
MADE GROUND: Soft dark yellowish brown slightly sandy very gravelly CLAY. Gravel is angular to rounded fine and medium flint and concrete.		1.00	24.82			
End of Trial Pit at 1.00 m						

Notes

Client: Carillion plc
Consultant: Ramboll UK Ltd
Date Excavated: 10/05/2012
Plant: Hand tools
Date Printed: 10/08/2012
Logged By: DL
Checked By: JE

Hole Type: TP
Stability: Stable during excavation
Groundwater: Not encountered during excavation
Weather Conditions:
Backfill: Compacted spoil

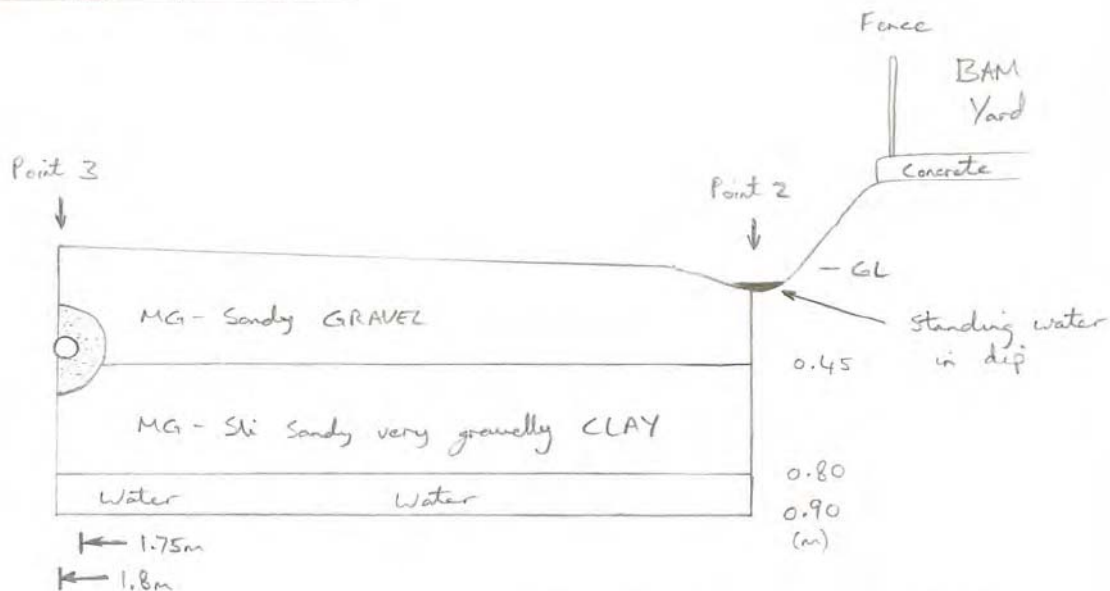
Shoring: None

Bearing: -

Dimensions: 

General:

OT07 - Trial Pit sketch



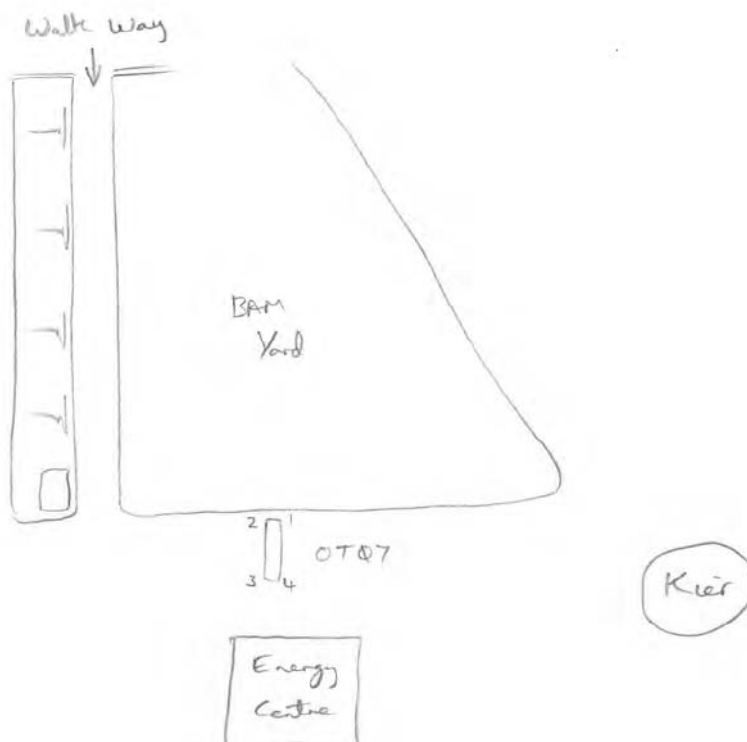
1 - Purple plastic duct, 90mm dia

Pit Size: L 1.8, D 0.9, W 0.4m

Water: Rapid inflow at 0.2m/dl.

Unable to dig past 0.9m/dl due to water.

Location





Contract: Kings Cross Building P1

Contract No: 4805

Observation
Trench No: OT07

Date : 10/05/2012

Depth: 1.0m

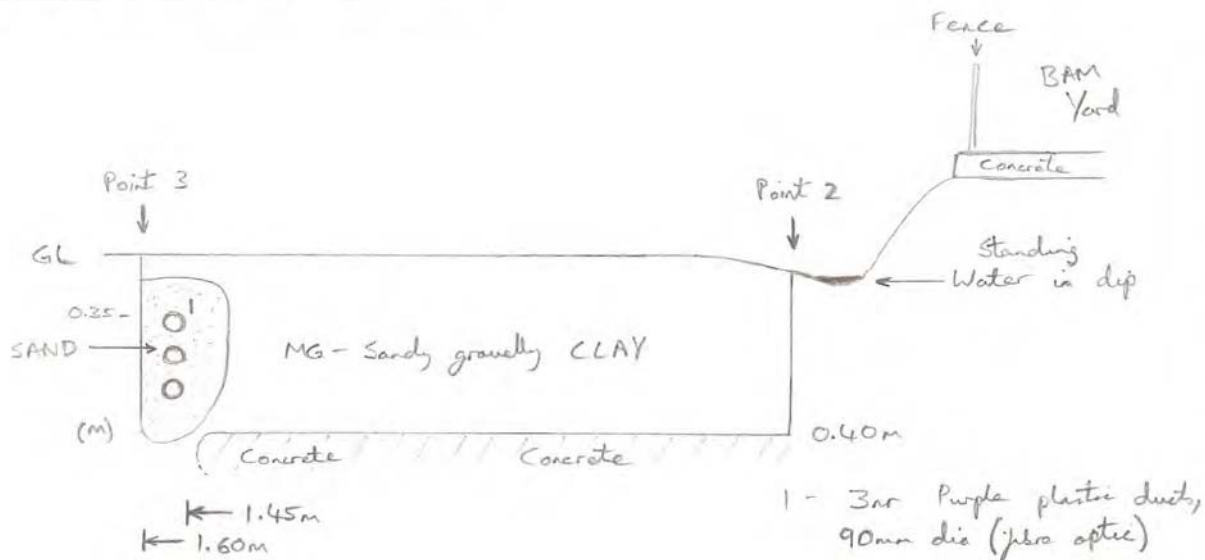
Notes: See corresponding log



OT07



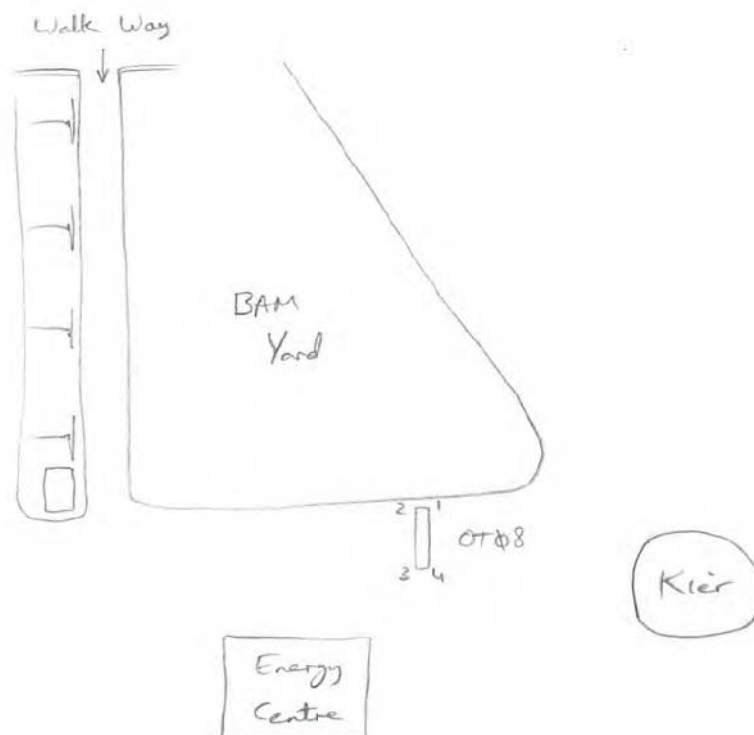
OT&8 - Trial Pit sketch



Pit size: L 1.6, D 0.40, W 0.4m

Water: Seepage from 0.2m bgl.

Location





Contract: Kings Cross Building P1

Contract No: 4805

Observation
Trench No: OT08

Date : 11/05/2012

Depth: 0.4m

Notes: See corresponding log



OT08

Trial Pit Log

Status: **Final**

0T09 LOG 1

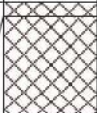
Sheet 1 of 1

Project: Kings Cross Building P1

Project No: 4805

Ground Level: 25.699mOD

Coordinates: 529934.45E
183702.20N

Description	Legend	Depth (m)	O.D. Level (m)	Samples / In Situ Testing		
				Type	Depth	Test Results
MADE GROUND: Probably medium dense to dense light grey sandy GRAVEL. Gravel is subrounded to rounded fine and medium flint and concrete with rare concrete.		0.12	25.58			
MADE GROUND: Probably medium dense dark brown slightly clayey sandy GRAVEL. Gravel is angular to rounded fine and medium flint brick concrete tarmac plastic and metal fragments.		0.95	24.75			
End of Trial Pit at 0.95 m						

Notes

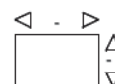
Client: Carillion plc
Consultant: Ramboll UK Ltd
Date Excavated: 16/05/2012
Plant: Hand tools
Date Printed: 10/08/2012
Logged By: DL
Checked By: JE

Hole Type: TP
Stability: Stable during excavation
Groundwater: Not encountered during excavation
Weather Conditions:
Backfill: Compacted spoil

Shoring: None

Bearing: -

Dimensions:



General:

Trial Pit Log

Status: **Final**

0T09 LOG 2


Sheet 1 of 1

Project: Kings Cross Building P1

Project No: 4805

Ground Level: 25.699mOD

Coordinates: 529934.45E
183702.20N

Description	Legend	Depth (m)	O.D. Level (m)	Samples / In Situ Testing		
				Type	Depth	Test Results
MADE GROUND: Probably medium dense to dense light grey sandy GRAVEL. Gravel is subangular to rounded fine and medium flint concrete and rare brick.		0.12	25.58			
		0.25	25.45			
		0.52	25.18			
MADE GROUND: Probably medium dense dark brown slightly clayey sandy GRAVEL. Gravel is angular to rounded fine and medium flint brick concrete tarmac metal and plastic.		0.95	24.75			
MADE GROUND: Soft to firm greyish brown and yellowish brown slightly sandy gravelly CLAY. Gravel is angular to rounded fine and medium flint brick and concrete .						
MADE GROUND: Probably medium dense dark brown sandy GRAVEL. Gravel is angular to rounded fine and medium flint brick and concrete.						
End of Trial Pit at 0.95 m						

Notes

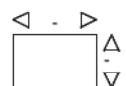
Client: Carillion plc
Consultant: Ramboll UK Ltd
Date Excavated: 16/05/2012
Plant: Hand tools
Date Printed: 10/08/2012
Logged By: DL
Checked By: JE

Hole Type: TP
Stability: Stable during excavation
Groundwater: Not encountered during excavation
Weather Conditions:
Backfill: Compacted spoil

Shoring: None

Bearing: -

Dimensions:



General:



Contract Title:

Kings Cross Building P1

Contract No:

4805

Calcd.

DL

Checked

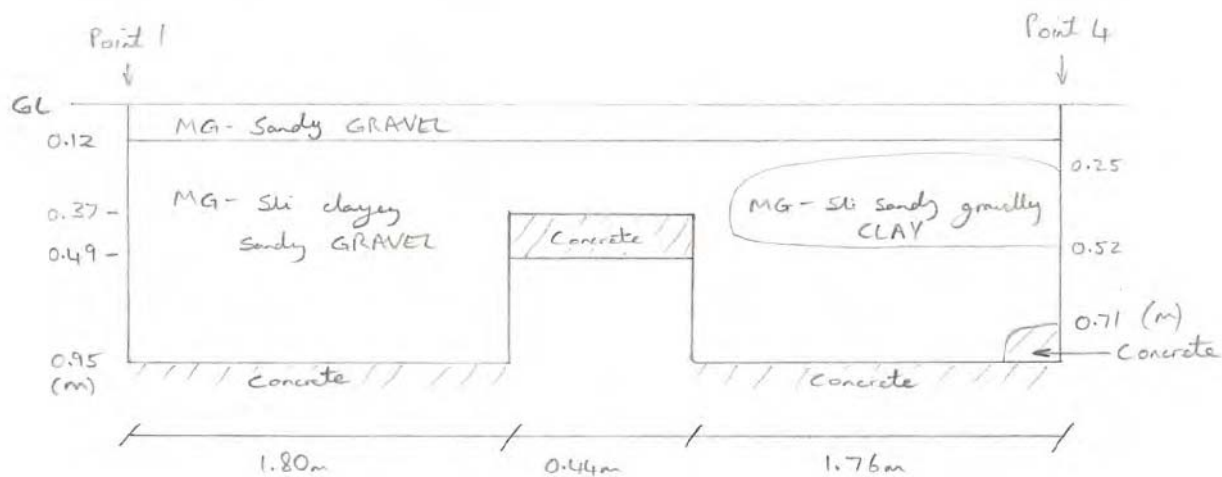
DL

Date 16/5/12

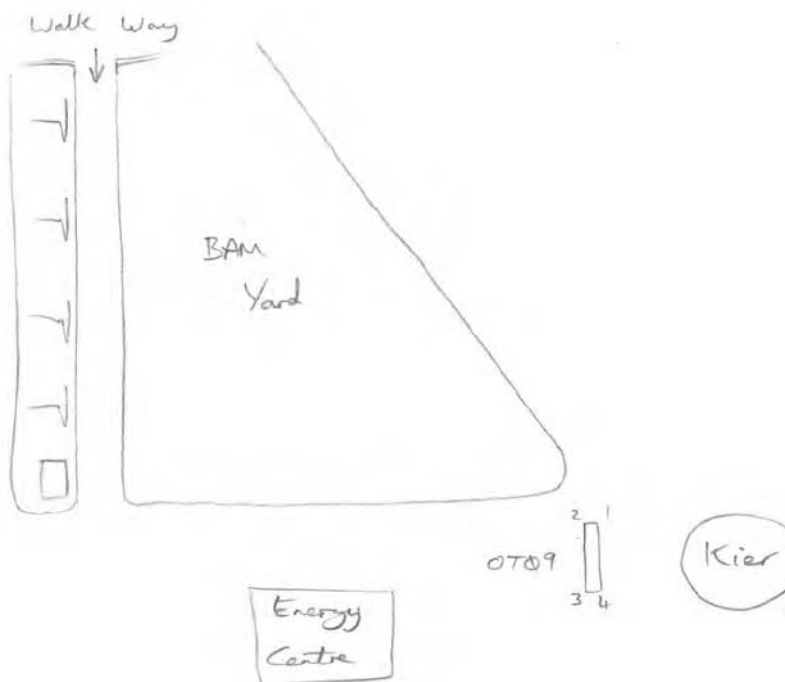
Date 17/5/12

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Rev. 00

OT09 - Trial Pit sketch

Pit Size : L 4.0, D 0.95, W 0.4m
Water : None

Location



Contract: Kings Cross Building P1

Contract No: 4805

Observation Trench
No: OT09

Date : 16/05/2012

Depth: 0.95-2.0m

Notes: See corresponding log

OT09

APPENDIX 3.0 – Trial Pit Logs, Sketches and Photographs

Trial Pit Log

Status: **Final**

TP01


Sheet 1 of 1

Project: Kings Cross Building P1

Project No: 4805

Ground Level: 25.428mOD

Coordinates: 529974.34E
183756.47N

Description	Legend	Depth (m)	O.D. Level (m)	Samples / In Situ Testing		
				Type	Depth	Test Results
MADE GROUND: Loose to medium dense slightly sandy gravelly CLAY. Gravel is angular to rounded fine to coarse brick, flint, wood, tarmac, metal, concrete, and glass.		0.45	24.98	ES	0.20	
		0.50	24.93	B	0.40	
		0.60	24.83	D	0.40	
		0.75	24.68	ES	0.40	
Tarmac.		0.95	24.48	B	1.00	
Granite cobble pavement.				ES	1.30	
Concrete with re-bar.				D	1.50	
MADE GROUND: Reddish brown sandy GRAVEL consisting of crushed brick.		1.70	23.73	B	2.00	
		2.20	23.23	ES	2.00	
MADE GROUND: Soft yellowish brown with light brown and grey slightly gravelly CLAY. Gravel is subrounded to rounded fine and medium flint and brick. (Reworked) ... at 1.1mbgl railway tracks.						
MADE GROUND: Soft greenish grey and black slightly gravelly CLAY. Gravel is subrounded to rounded fine and medium flint and brick. (Reworked) ... at 1.8mbgl service running in SE/NW corner.						
End of Trial Pit at 2.20 m						

Notes

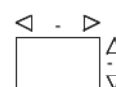
Client: Carillion plc
Consultant: Ramboll UK Ltd
Date Excavated: 01/05/2012
Plant: JCB 3CX
Date Printed: 10/08/2012
Logged By: DL
Checked By: JE

Hole Type: TP
Stability: Stable during excavation
Groundwater: Slight ingress of water at 1.1m
Weather Conditions:
Backfill: Compacted spoil

Shoring: None

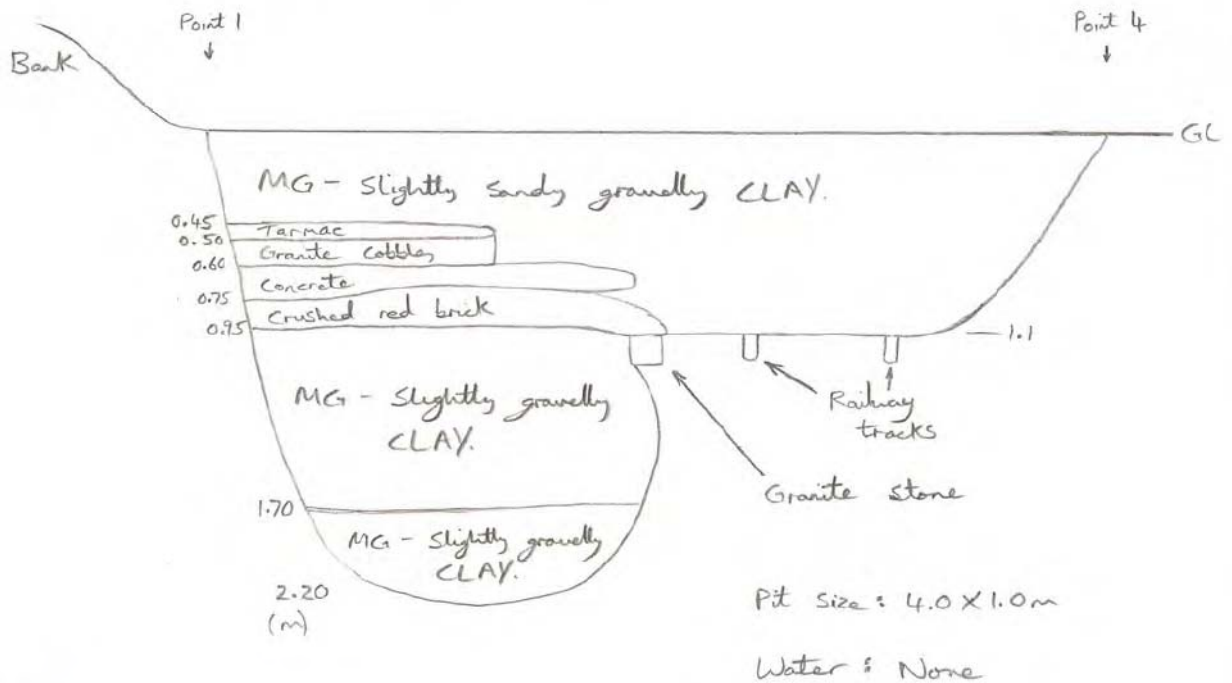
Bearing: -

Dimensions:

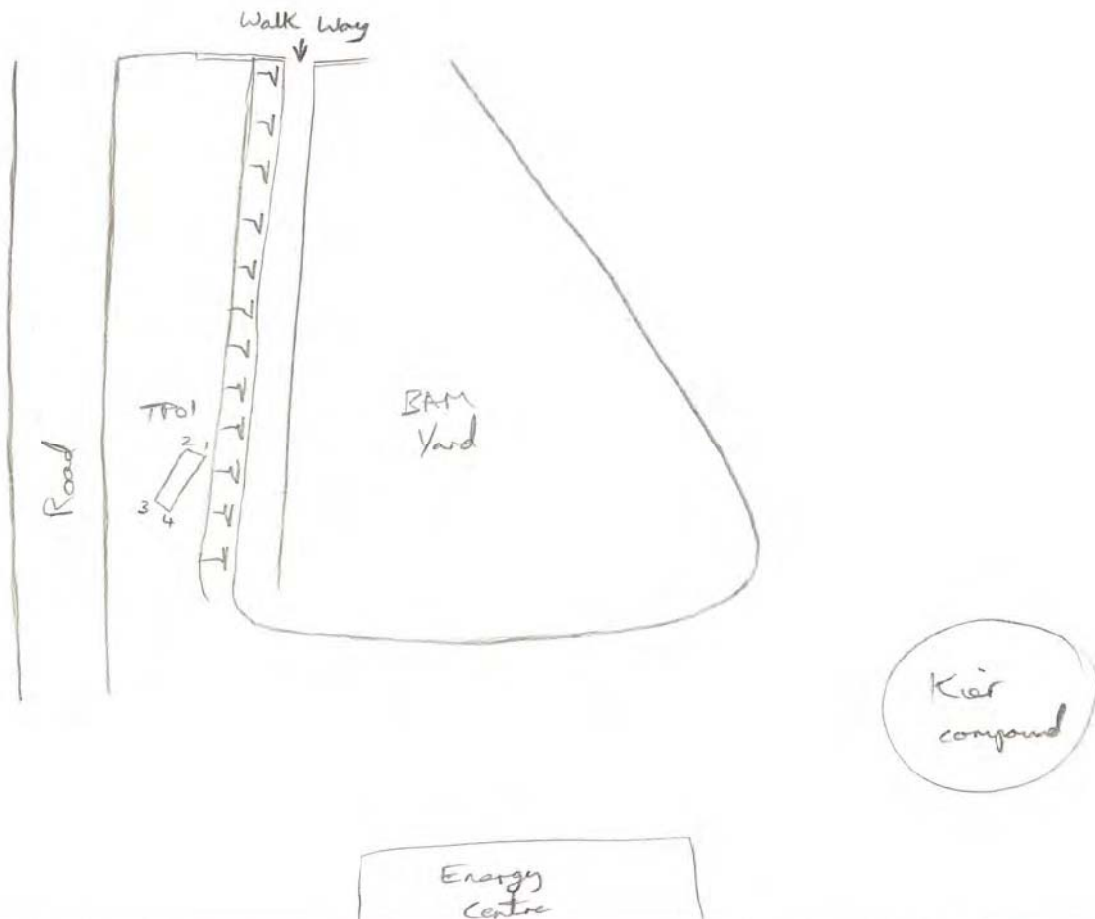


General:

TPO1 - Trial Pit sketch



Location





Contract: Kings Cross Building P1

Contract No: 4805

Trial Pit No: TP01

Date : 01/05/2012

Depth: 2.2m

Notes: See corresponding log

TP01

Trial Pit Log

Status: **Final**

TP02




Sheet 1 of 1

Project: Kings Cross Building P1

Project No: 4805

Ground Level: 25.455mOD

Coordinates: 529982.81E
183754.04N

Description	Legend	Depth (m)	O.D. Level (m)	Samples / In Situ Testing		
				Type	Depth	Test Results
MADE GROUND: Soft dark brown slightly sandy very gravelly CLAY. Gravel is angular to rounded fine and medium flint, brick, concrete, wood, and glass.		0.60	24.86	ES	0.20	
		0.71	24.75	B	0.50	
				ES	0.60	
				ES	0.80	
				B	1.00	
MADE GROUND: Probably medium dense multicoloured sandy GRAVEL. Gravel is angular to rounded fine and medium flint brick and concrete.				D	1.00	
				ES	1.20	
MADE GROUND: Medium dense to dense black sandy GRAVEL. Gravel is angular to rounded fine and medium ash clinker and slate.		1.60	23.86	ES	1.65	
... from 1.2mbgl, becoming very sandy. Abundant ash.				ES	1.90	
				B	2.00	
MADE GROUND: Soft yellowish brown and brownish grey very gravelly CLAY. Gravel is subangular to rounded flint and brick.		2.30	23.16	B	2.50	
... at 2.0mbgl, sleeper encountered, pitch pine odour noted.		2.80	22.66			
Probably MADE GROUND: Soft greenish grey and light brown slightly gravelly CLAY. Gravel is subrounded to rounded fine and medium flint.				B	3.50	
				D	4.00	
Soft to firm yellowish brown with grey veining slightly gravelly CLAY. Gravel is weak off white subrounded to rounded fine and medium material.		4.10	21.36			
...from 3.8mbgl, becoming light brown also with random fissuring.						
End of Trial Pit at 4.10 m						

Notes

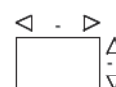
Client: Carillion plc
Consultant: Ramboll UK Ltd
Date Excavated: 02/05/2012
Plant: JCB 3CX
Date Printed: 10/08/2012
Logged By: DL
Checked By: JE

Hole Type: TP
Stability: Stable during excavation
Groundwater: Seepages at 1.60m and 4.10m
Weather Conditions:
Backfill: Compacted spoil

Shoring: None

Bearing: -

Dimensions:



General:

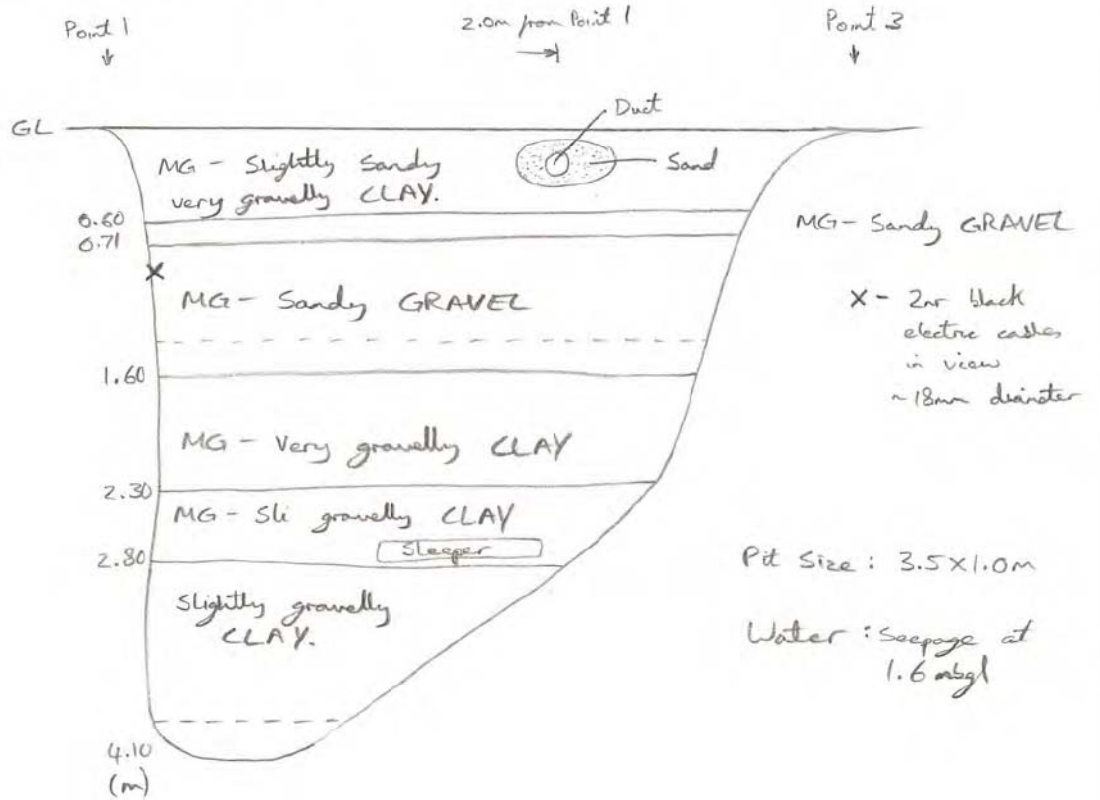
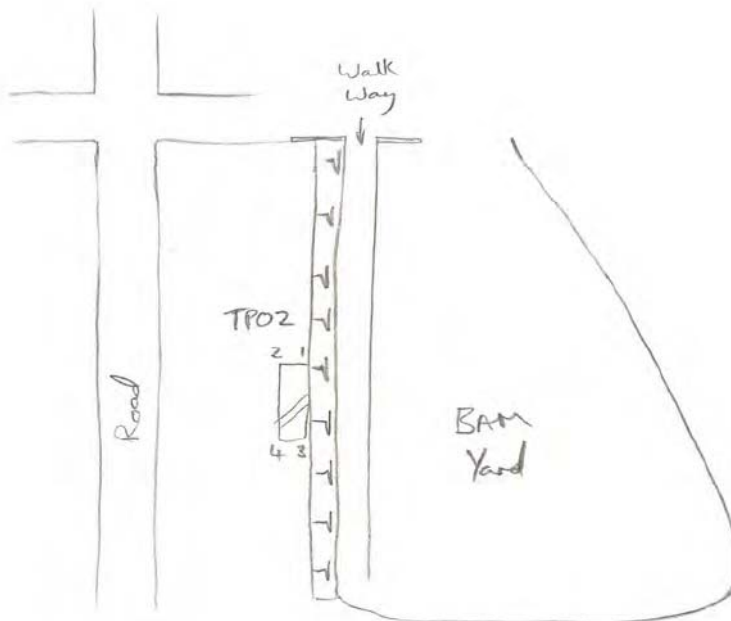


Contract Title:

Kings Cross Building P1

Contract No:

4805

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DLDate 2/5/12
DatePage 1/1
Rev. 00TPO2 - Trial Pit SketchLocationKier
Compound



Contract: Kings Cross Building P1

Contract No: 4805

Trial Pit No: TP02

Date : 02/05/2012

Depth: 4.1m

Notes: See corresponding log



TP02

Trial Pit Log

Status: **Final**

TP03







Sheet 1 of 1

Project: Kings Cross Building P1

Project No: 4805

Ground Level: 25.287mOD

Coordinates: 529990.70E
183751.71N

Description	Legend	Depth (m)	O.D. Level (m)	Samples / In Situ Testing		
				Type	Depth	Test Results
MADE GROUND: Probably medium dense dark brown slightly clayey sandy GRAVEL. Gravel is angular to rounded fine and medium flint brick concrete metal and wood.		0.35	24.94	ES	0.10	
				B	0.20	
		0.55	24.74	B	0.40	
				ES	0.40	
		0.75	24.54			
		0.83	24.46	ES	0.75	
MADE GROUND: Soft brownish grey and yellowish brown slightly sandy gravelly CLAY. Gravel is angular to rounded flint and brick.		1.20	24.09			
				D	1.40	
		1.55	23.74	ES	1.50	
				B	1.70	
MADE GROUND: Probably medium dense reddish brown and light grey sandy GRAVEL. Gravel is angular brick and concrete.		1.95	23.34	ES	1.90	
				B	2.20	
MADE GROUND: Tarmac.						
MADE GROUND: Granite cobbles underlain with mortar/lean mix.		2.70	22.59	D	2.60	
				ES	2.70	
				B	2.90	
MADE GROUND: Crushed red brick.						
MADE GROUND: Soft greenish grey mottled dark grey CLAY.		3.35	21.94	D	3.30	
			ES	3.35		
MADE GROUND: Loose to medium dense slightly gravelly very clayey SAND. Gravel is angular to rounded fine and medium flint glazed ceramic and glass.						
Soft yellowish brown with grey veining CLAY (organic odour).						
End of Trial Pit at 3.35 m						

Notes

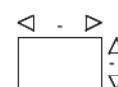
Client: Carillion plc
Consultant: Ramboll UK Ltd
Date Excavated: 02/05/2012
Plant: JCB 3CX
Date Printed: 10/08/2012
Logged By: DL
Checked By: JE

Hole Type: TP
Stability: Stable during excavation
Groundwater: Rapid flow at 2.10m from clay service (running ME/SW), slight sheen on water
Weather Conditions:
Backfill: Compacted spoil

Shoring: None

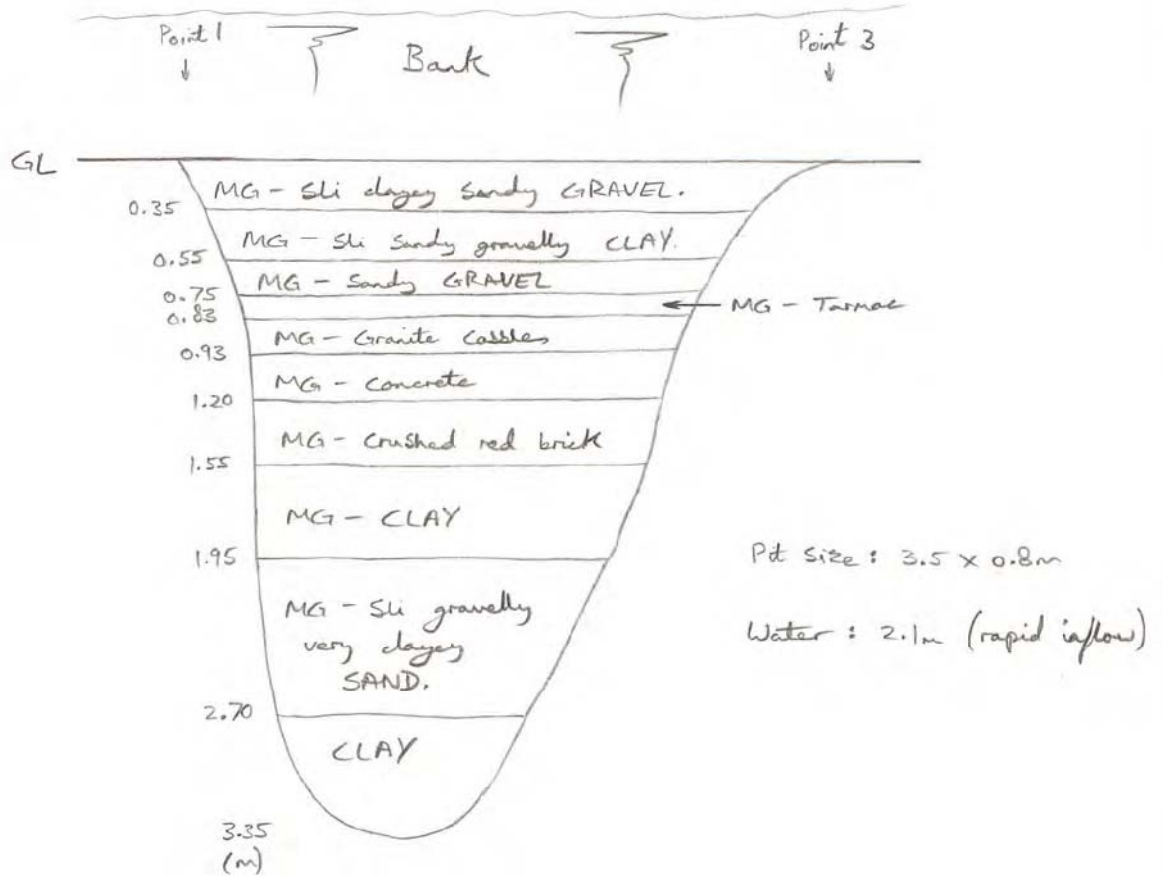
Bearing: -

Dimensions:

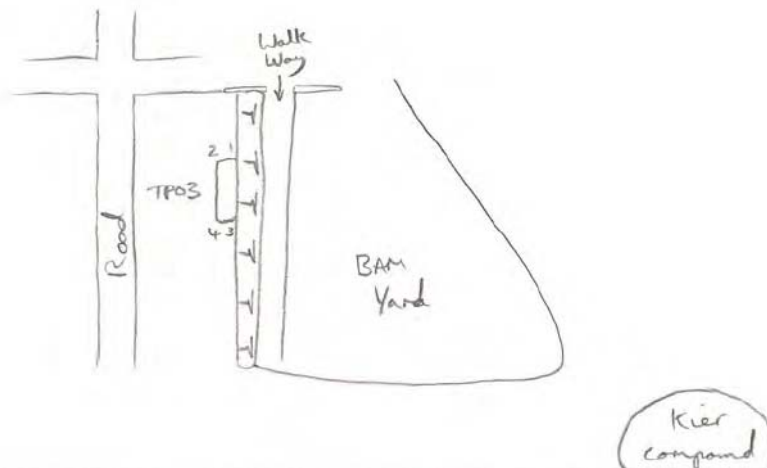


General:

TPO3 - Trial Pit Sketch



Location





Contract: Kings Cross Building P1

Contract No: 4805

Trial Pit No: TP03

Date : 02/05/2012

Depth: 3.35m

Notes: See corresponding log

TP03

Trial Pit Log

Status: **Final**

TP05


Sheet 1 of 1

Project: Kings Cross Building P1

Project No: 4805

Ground Level: 26.247mOD

Coordinates: 529969.18E
183740.69N

Description	Legend	Depth (m)	O.D. Level (m)	Samples / In Situ Testing		
				Type	Depth	Test Results
MADE GROUND: Probably medium dense black speckled red slightly clayey sandy GRAVEL. Gravel is angular to rounded fine and medium flint brick and concrete.		0.70	25.55	B ES	0.50 0.50	
MADE GROUND: Firm greenish grey and light brown with black slightly sandy gravelly CLAY. Gravel is angular to rounded fine and medium flint brick and sandstone.				B ES	1.00 1.00	
... at 1.35mbgl, railway track over pitch pine sleeper at 1.55mbgl.		D	1.50			
MADE GROUND: Tarmac.		1.60 1.65	24.65 24.60			
MADE GROUND: Granite cobbles underlain with mortar/lean mix.		2.00	24.25	ES B	2.00 2.20	
MADE GROUND: Probably medium dense black sandy GRAVEL. Gravel is subangular to rounded fine and medium flint.		2.30	23.95	ES B B	2.60 2.80 2.80	
MADE GROUND: Probably medium dense multicoloured slightly sandy GRAVEL. Gravel is angular to rounded fine, medium and occasionally coarse whole part and crushed brick (including glazed bricks), ceramic wood and slate.		3.05	23.20			
End of Trial Pit at 3.05 m						

Notes

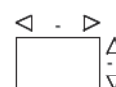
Client: Carillion plc
Consultant: Ramboll UK Ltd
Date Excavated: 09/05/2012
Plant: JCB 3CX
Date Printed: 10/08/2012
Logged By: DL
Checked By: JE

Hole Type: TP
Stability: Stable during excavation
Groundwater: Encountered at 2.80m, did not rise
Weather Conditions:
Backfill: Compacted spoil

Shoring: None

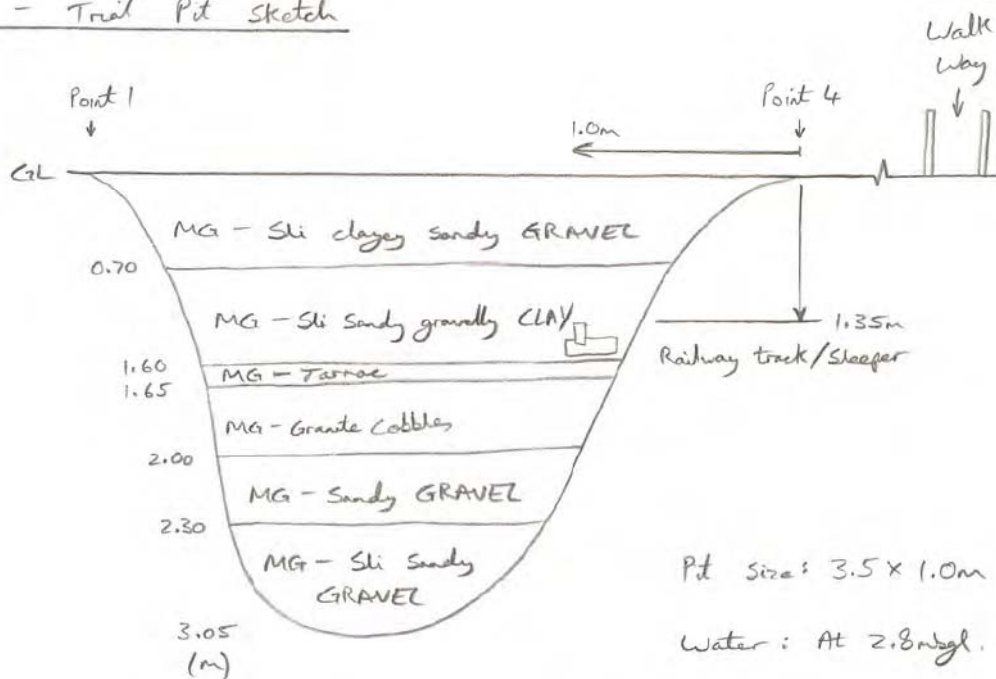
Bearing: -

Dimensions:



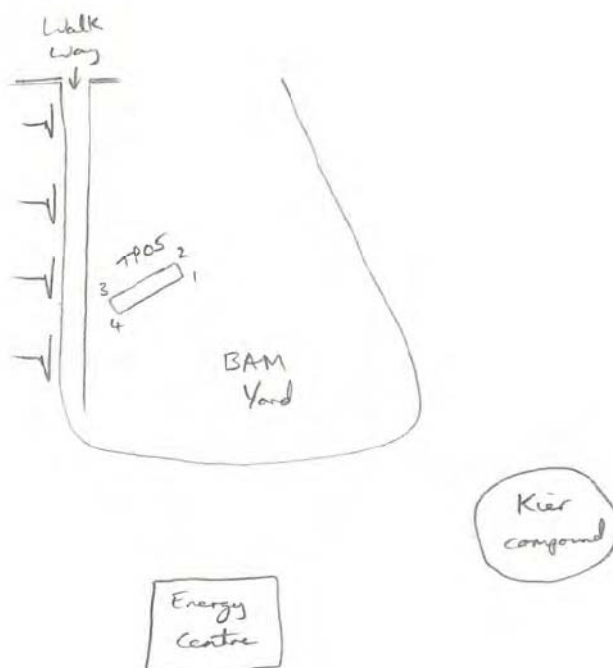
General:

TPO5 - Trial Pit Sketch



Note - Trial pit terminated at 3.05m bgl, due to coarse gravel and cobbles - difficult to excavate.

Location





Contract: Kings Cross Building P1

Contract No: 4805

Trial Pit No: TP05

Date : 09/05/2012

Depth: 3.05m

Notes: See corresponding log

TP05

Trial Pit Log

Status: **Final**

TP06

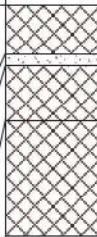
Sheet 1 of 1

Project: Kings Cross Building P1

Project No: 4805

Ground Level: 26.048mOD

Coordinates: 529993.03E
183739.71N

Description	Legend	Depth (m)	O.D. Level (m)	Samples / In Situ Testing		
				Type	Depth	Test Results
MADE GROUND: Probably medium dense slightly reddish dark brown sandy GRAVEL. Gravel is angular to rounded fine and medium occasionally coarse flint, brick, concrete block, paving slab.		0.40	25.65	ES	0.20	
Concrete.		0.50	25.55	ES	0.60	
MADE GROUND: Probably medium dense to dense light grey subrounded to rounded medium dolorite GRAVEL. . . . at 0.8mbgl, water service (blue pipe).		0.95	25.10	B D	1.00 1.00	
MADE GROUND: Probably medium dense multicoloured slightly sandy GRAVEL. Gravel is subangular to rounded fine, medium and occasionally coarse flint, whole and part brick, concrete, clay pipe, wood, tarmac, plastic. . . . at 1.2mbgl, service (300mm pipe), surrounded by coarse angular gravel.		1.90	24.15			
End of Trial Pit at 1.90 m						

Notes

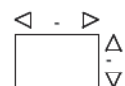
Client: Carillion plc
Consultant: Ramboll UK Ltd
Date Excavated: 01/05/2012
Plant: JCB 3CX
Date Printed: 10/08/2012
Logged By: DL
Checked By: JE

Hole Type: TP
Stability: Stable during excavation
Groundwater: Rapid flow at 0.95m from granite cobbles
Weather Conditions:
Backfill: Compacted spoil

Shoring: None

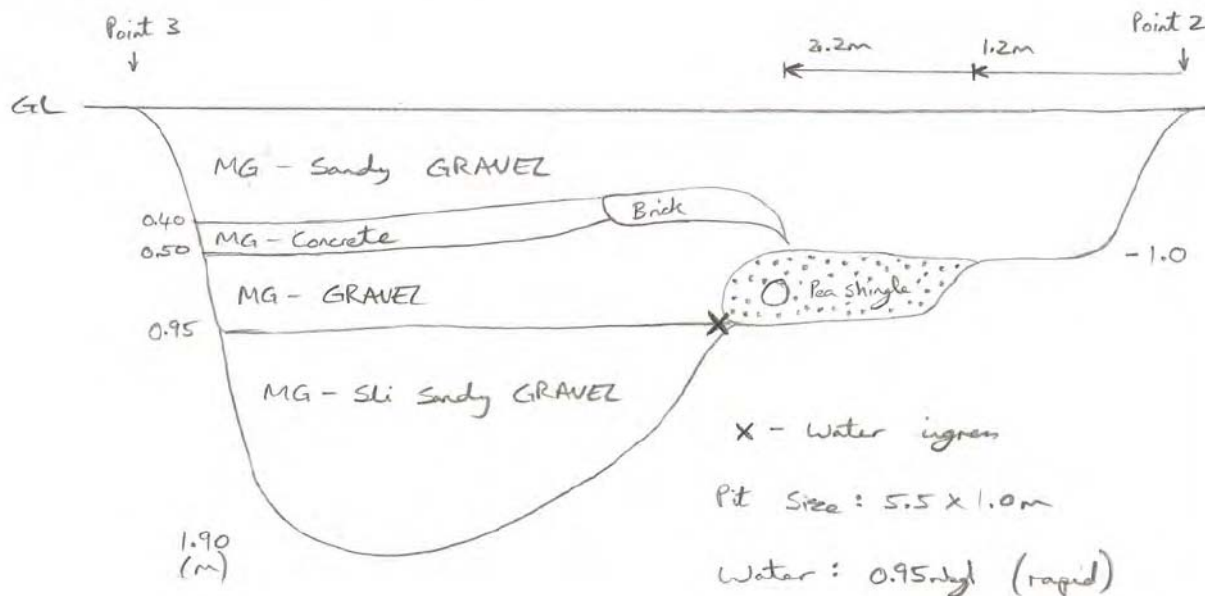
Bearing: -

Dimensions:

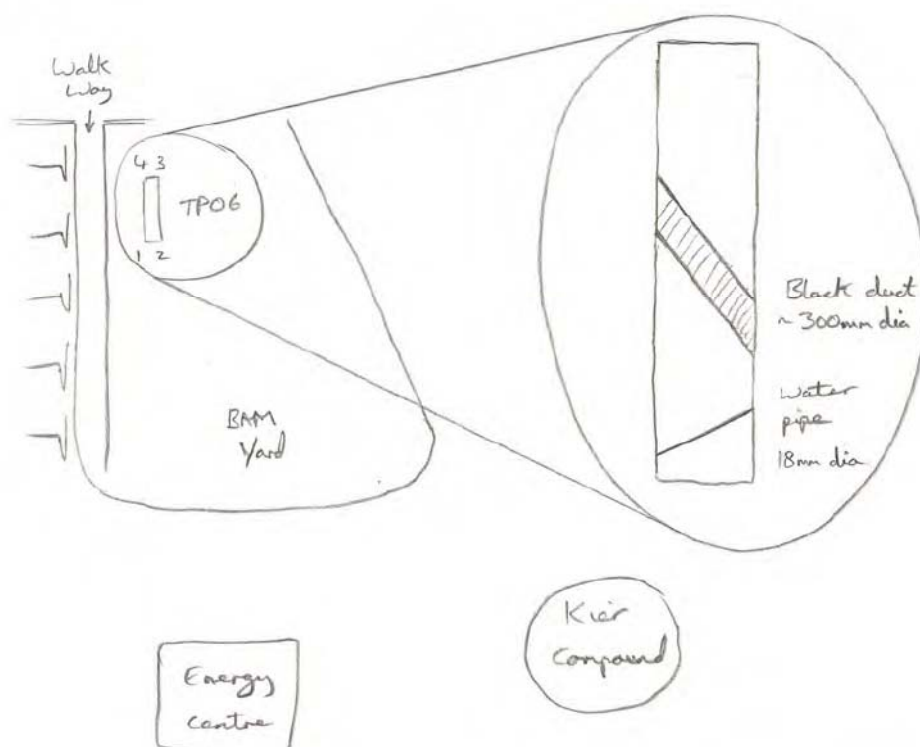


General:

TPO6 - Trial Pit sketch



Location





Contract: Kings Cross Building P1

Contract No: 4805

Trial Pit No: TP06

Date : 01/05/2012

Depth: 1.9m

Notes: See corresponding log

TP06

Trial Pit Log

Status: **Final**

TP07

Sheet 1 of 1


Project: Kings Cross Building P1

Project No: 4805

Ground Level: 26.320mOD

Coordinates: 529957.58E

183746.53N

Description	Legend	Depth (m)	O.D. Level (m)	Samples / In Situ Testing		
				Type	Depth	Test Results
MADE GROUND: Probably medium dense dark brown sandy GRAVEL. Gravel is angular to rounded fine and medium flint brick concrete and wood.		0.40	25.92	ES B	0.20 0.30	
MADE GROUND: Soft to firm dark brown and greyish brown sandy gravelly CLAY. Gravel is angular to rounded fine and medium flint brick wood and ceramic tile.		1.40	24.92	B ES D	0.80 1.00 1.20	
MADE GROUND: Tarmac.		1.60	24.72			
MADE GROUND: Granite cobbles underlain with mortar/lean mix.		2.05	24.27			
. . . at 1.8mbgl, metal service running SW/NE.	2.30	24.02	ES B	2.30 2.50		
MADE GROUND: Crushed red nbrick.	2.80	23.52	B ES B	2.80 2.80 3.00		
. . . at 2.05mbgl, pile (pitchpine) surrounded by coarse gravel, hydrocarbon odour noted.	3.30	23.02				
Firm black slightly gravelly CLAY. Gravel is subangular to rounded fine flint.	3.60	22.72	B ES	3.50 3.50		
Soft dark brownish grey mottled black gravelly CLAY. Gravel is subrounded to rounded fine and medium flint.						
Soft to firm yellowish brown with grey veining CLAY. (Weathered London Clay)						
End of Trial Pit at 3.60 m						

Notes

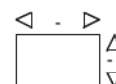
Client: Carillion plc
 Consultant: Ramboll UK Ltd
 Date Excavated: 14/05/2012
 Plant: JCB 3CX
 Date Printed: 10/08/2012
 Logged By: DL
 Checked By: JE

Hole Type: TP
 Stability: Stable during excavation
 Groundwater: Seepage at 3.50m, hydrocarbon odour noted
 Weather Conditions:
 Backfill: Compacted spoil

Shoring: None

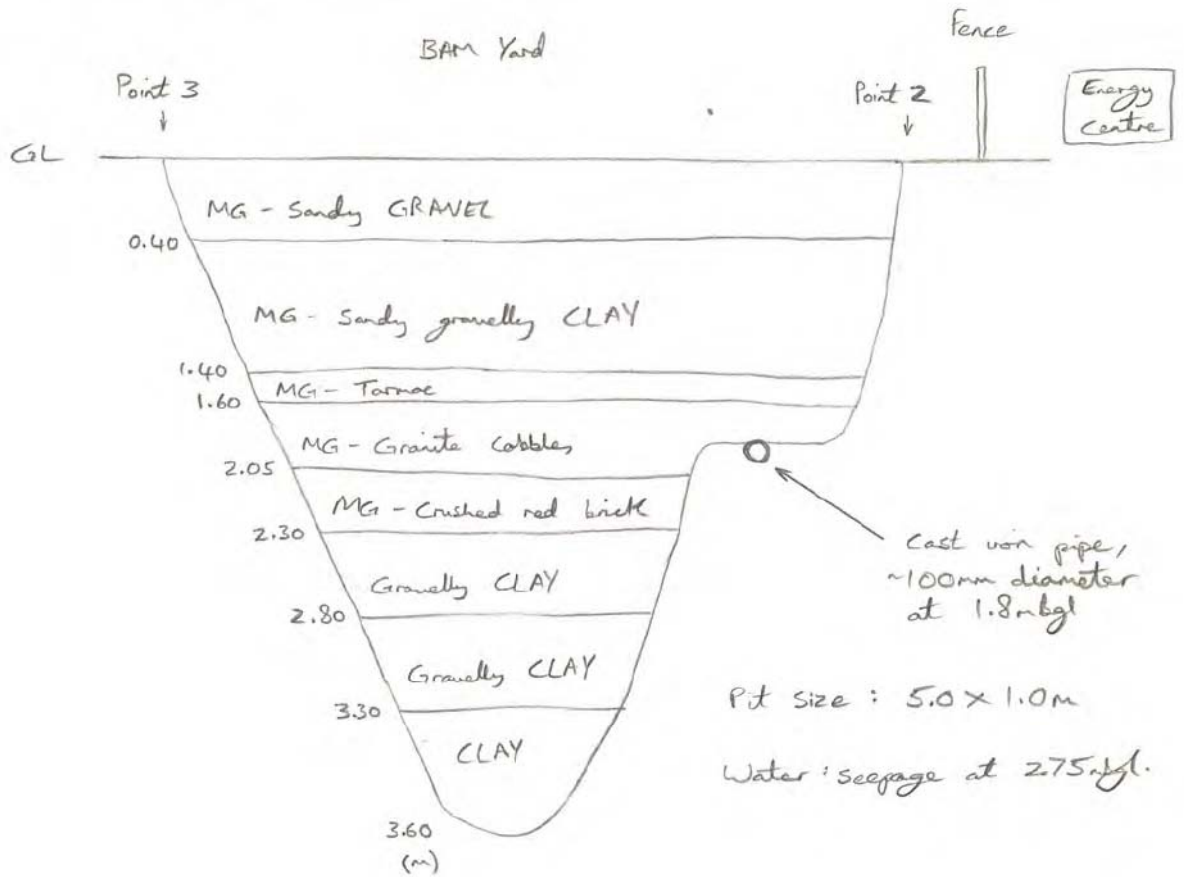
Bearing: -

Dimensions:

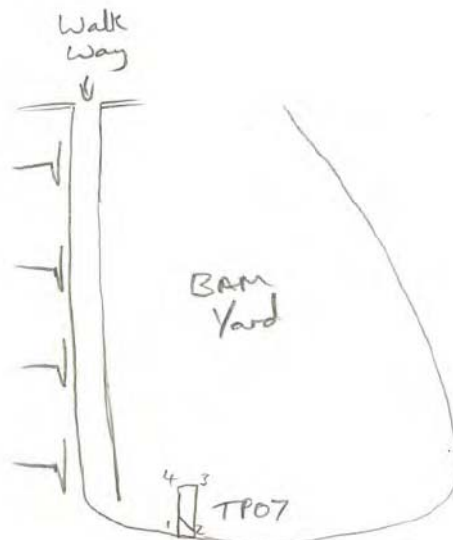


General:

TP07 - Trial Pit sketch



Location





Contract: Kings Cross Building P1

Contract No: 4805

Trial Pit No: TP07

Date : 14/05/2012

Depth: 3.6m

Notes: See corresponding log



TP07

Trial Pit Log

Status: **Final**

TP08



Sheet 1 of 1

Project: Kings Cross Building P1

Project No: 4805

Ground Level: 26.110mOD

Coordinates: 529964.63E
183734.10N

Description	Legend	Depth (m)	O.D. Level (m)	Samples / In Situ Testing		
				Type	Depth	Test Results
MADE GROUND: Probably dense light brown sandy GRAVEL. Gravel is subangular to rounded fine and medium flint brick concrete and ceramic.		0.15	25.96	ES B	0.20 0.40	
MADE GROUND: Probably medium dense blackish dark grey slightly clayey sandy GRAVEL. Gravel is angular to rounded fine and medium flint brick concrete wood and ash.		0.95	25.16	B ES B	0.80 1.00 1.20	
MADE GROUND: Soft brownish grey and black slightly sandy gravelly CLAY. Gravel is angular to rounded fine and medium concrete brick and flint.		1.40	24.71	ES	2.00	
		1.60	24.51			
	1.85	24.26				
MADE GROUND: Tarmac.	2.40	23.71	B ES	2.50 2.50		
MADE GROUND: Granite cobbles underlain with mortar/lean mix.	2.70	23.41	B	3.00		
MADE GROUND: Crushed red brick.	3.20	22.91				
MADE GROUND: Firm black slightly gravelly CLAY. Gravel is angular to rounded fine and medium brick flint and shell fragments. (Reworked) ... 2.6mbgl, clay pipe.						
Soft greenish grey very gravelly CLAY. Gravel is subrounded to rounded fine and medium flint.						
End of Trial Pit at 3.20 m						

Notes

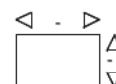
Client: Carillion plc
Consultant: Ramboll UK Ltd
Date Excavated: 09/05/2012
Plant: JCB 3CX
Date Printed: 10/08/2012
Logged By: DL
Checked By: JE

Hole Type: TP
Stability: Stable during excavation
Groundwater: Encountered at 2.75m, from broken clay pipe
Weather Conditions:
Backfill: Compacted spoil

Shoring: None

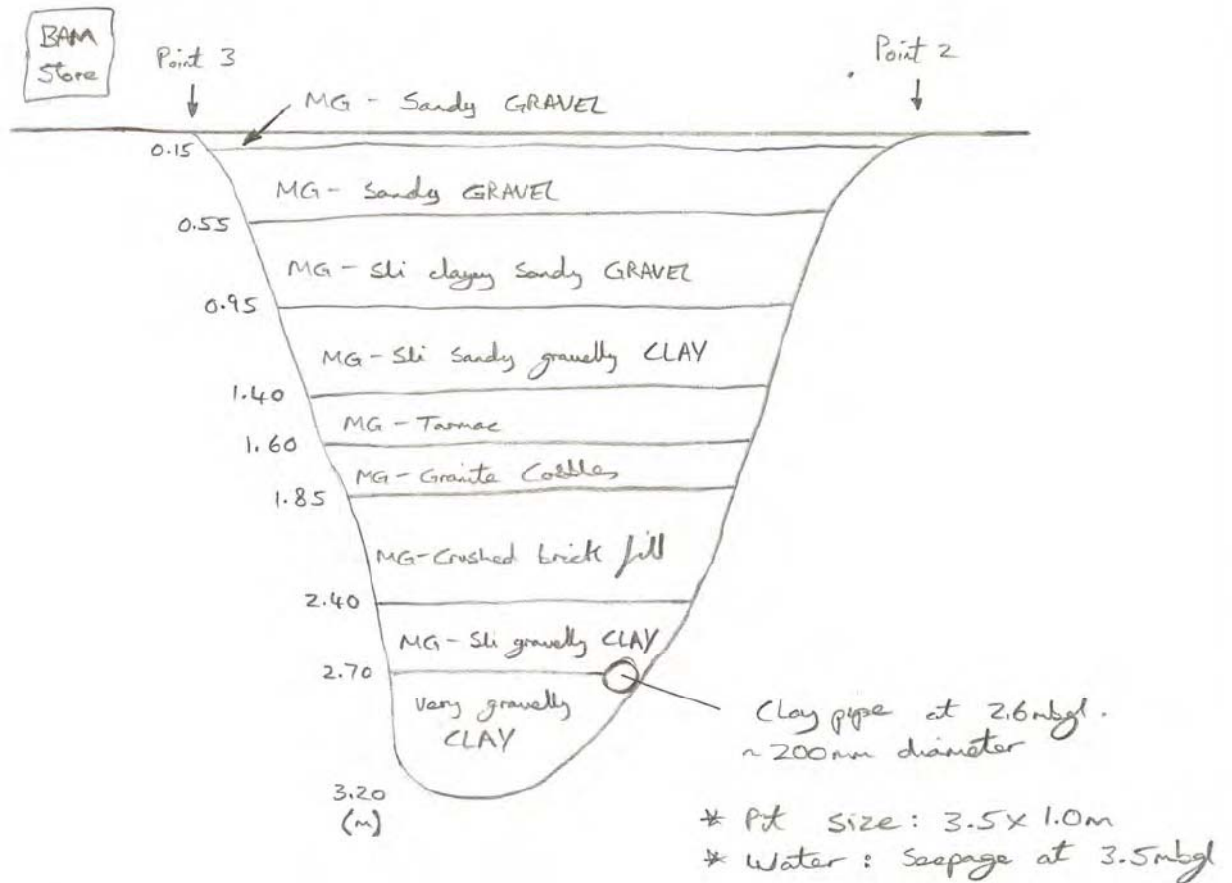
Bearing: -

Dimensions:

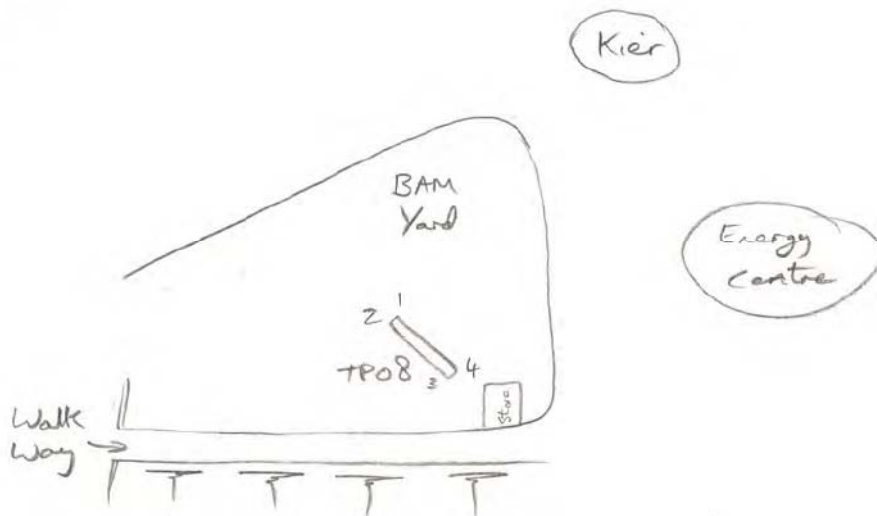


General:

TP08 - Trial Pit sketch



Location





Contract: Kings Cross Building P1

Contract No: 4805

Trial Pit No: TP08

Date : 10/05/2012

Depth: 3.2m

Notes: See corresponding log



TP08